Freeform Search

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: L14 and "temperature"

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

Search Clear Interrupt

Search History

DATE: Wednesday, September 01, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ			
L16	L14 and "temperature"	29	L16
L15	L12 and "dilatometer"	1	L15
L14	L12 and "extensometer"	186	L14
L13	L12 and "thermal expansion"	9	L13
L12	(33/787-790)![CCLS]	408	L12
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L11	thermal expansion display	17	L11
L10	thermal expansion detector	16	L10
L9	thermal expansion indication	1	L9
L8	thermal expansion indicator	2	L8
L7	temperature expansion indicator	1	L7
L6	temperature extension indicator	0	L6
L5	temperature length indicator	0	L5
L4	temperature distance indicator	0	L4
L3	measure thermal expansion	100	L3
L2	thermally expandible scale	0	L2

L1	thermally expandable scale	0	L1

END OF SEARCH HISTORY

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First Hit

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L3: Entry 97 of 100 File: DWPI Dec 26, 1980

DERWENT-ACC-NO: 1981-J6162D
DERWENT-WEEK: 198137

TITLE: Dilatometer checking thermal expandability - by comparison of specimen with composite post made with materials of different thermal expandability

INVENTOR: MARDER, A K H; SADYKOV, M S ; TSIMERMANI, F K H

PATENT-ASSIGNEE:

ASSIGNEE	CODE
URALS CONS MAT RES	URALR

abstract

PRIORITY-DATA: 1979SU-2727597 (February 19, 1979)

Search Selected Search ALL Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	SU 789716 B	December 26, 1980		003	

INT-CL (IPC): G01N 25/16

ABSTRACTED-PUB-NO: SU 789716B
BASIC-ABSTRACT:

The dilatometer may be used to measure the thermal expansion of building materials, and contains a post and specimen plus transducer and movement indicator set within a heat insulated chamber. This has a temperature regulator and linear temperature setter with automatic recording. For more accurate records, the post (1) is in two parts with different coeffts. of thermal expansion.The position of the interface is given by a=(k-(alpha1)L)/(alpha2-alpha1), where k is temperature measurement of dilatometer and L the total post length. The linear setter (7) uses the regulator (6) to maintain steady change of the conditions within the chamber, whether heating or cooling in precise proportion to the automatic record chart. The change rate is kept low to eliminate any cumulative difference in temperature between the specimen (2) and the chamber (5). The change in temperature over the length of the specimen is recorded by the transducer (4) which converts it to a signal for chart display. Bul.47/ 23.12.80

CHOSEN-DRAWING: Dwg.1

TITLE-TERMS: DILATOMETER CHECK THERMAL EXPAND COMPARE SPECIMEN COMPOSITE POST MADE MATERIAL THERMAL EXPAND

DERWENT-CLASS: S03

EPI-CODES: S03-E; S03-E01A;

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